



2642

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#7

Applicant(s): Paul Kunisch

Appl. No.: 10/020,615

Conf. No.: 6590

Filed: December 13, 2001

Title: SUBSCRIBER CIRCUIT AND METHOD FOR THE INTERNAL
FUNCTIONAL TESTING OF A SUBSCRIBER CIRCUIT

Art Unit: 2642

Examiner: Unknown

Docket No.: 112740-384

05-02-03
SL

RECEIVED

MAY 29 2003

Technology Center 2600

Mail Stop

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

CERTIFICATE OF MAILING BY FIRST CLASS MAIL UNDER 37 CFR 1.8

Sir:

I hereby certify that the following documents relating to the above-identified application:

1. Transmittal of Information Disclosure Statement in duplicate,
2. Information Disclosure statement – PTO 1449 - references
3. return receipt postcard

are being deposited with the United States Postal Service with sufficient postage as First

Class Mail in an envelope addressed to:

Mail Stop

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

on May 23, 2003.

Respectfully submitted,

BELL, BOYD & LLOYD LLC

Robert Bucciari

Name of Person Mailing Correspondence

Signature

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
112740-384

In Re Application of Paul Kunisch

Serial No.
10/020,615

Filing Date
December 13, 2001

Examiner

Group Art Unit
2642

Title: **SUBSCRIBER CIRCUIT AND METHOD FOR THE INTERNAL FUNCTIONAL TESTING OF A
SUBSCRIBER CIRCUIT**

RECEIVED

Address to:
Assistant Commissioner for Patents
Washington, D.C. 20231

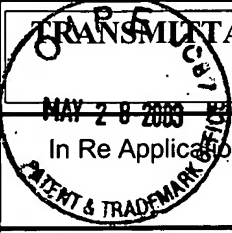
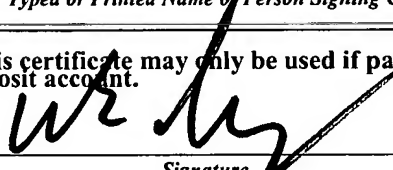
MAY 29 2003
Technology Center 2600

37 CFR 1.97(b)

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:
- ☐ the statement specified in 37 CFR 1.97(e);
- OR**
- ☐ the fee set forth in 37 CFR 1.17(p).

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (Under 37 CFR 1.97(b) or 1.97(c))			Docket No. 112740-384
<div style="float: left; width: 150px; text-align: center;">  </div> <div style="clear: both;"></div> In Re Application: Paul Kunisch			
Serial No. 10/020,615	Filing Date December 13, 2001	Examiner	Group Art Unit 2642
<div style="display: flex; justify-content: space-between;"> <div> SUBSCRIBER CIRCUIT AND METHOD FOR THE INTERNAL FUNCTIONAL TESTING OF A SUBSCRIBER CIRCUIT </div> <div style="text-align: right;"> RECEIVED MAY 29 2003 Technology Center 2600 </div> </div>			
<div style="text-align: center;"> Payment of Fee (Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p)) </div> <p> <input type="checkbox"/> A check in the amount of _____ is attached. <input checked="" type="checkbox"/> The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 02-1818 as described below. A duplicate copy of this sheet is enclosed. </p> <div style="margin-left: 40px;"> <input type="checkbox"/> Charge the amount of _____ <input type="checkbox"/> Credit any overpayment. <input checked="" type="checkbox"/> Charge any additional fee required. </div>			
Certificate of Transmission by Facsimile* <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (F </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> _____ (Date) </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> _____ Signature </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> _____ Typed or Printed Name of Person Signing Certificate </div>		Certificate of Mailing by First Class Mail <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> I certify that this document and fee is being deposited with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231. </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> _____ Signature of Person Mailing Correspondence </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> _____ Typed or Printed Name of Person Mailing Certificate </div>	
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>*This certificate may only be used if paying by deposit account.</p> <div style="text-align: center;">  _____ Signature </div> </div> <div style="width: 45%; text-align: right;"> <p>Dated: May 23, 2003</p> </div> </div>			
William E. Vaughan (Reg. No. 39,056) Bell Boyd & Lloyd LLC P.O. Box 1135 Chicago, Illinois 60690-1135 Phone: (312) 807-4292			
CC:			



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Paul Kunisch
Appl. No.: 10/020,615
Conf. No.: 6590
Filed: December 13, 2001
Title: SUBSCRIBER CIRCUIT AND METHOD FOR THE INTERNAL
FUNCTIONAL TESTING OF A SUBSCRIBER CIRCUIT
Art Unit: 2642
Examiner: Unknown
Docket No.: 112740-384

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RECEIVED

MAY 29 2003

Technology Center 2600

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 37 C.F.R. 1.97, and 37 C.F.R. 1.98, Applicant requests that a citation and examination of the references cited below, and on the attached PTO-1449 form, copies of which are enclosed, be made during the course of examination of the above-identified application for United States patent.

FOREIGN PATENT DOCUMENTS

<u>Document No.</u>	<u>Date</u>	<u>Country</u>
0 451 759	10-16-91	European
0 505 670	9-30-92	European
DE 198 02 825		Germany
DE 198 60 395	6-29-00	Germany
DE 199 07 925	9-14-00	Germany

European 0 451 759 relates to a telephone subscriber circuit testing system which uses HV modules and a processor module with an evaluation of correlation products of transmission and reception voltages.

European 0 505 670 relates to a transmission path testing system for a telephone line which uses a control signal transmitted from an exchange interface to a subscriber interface to set up a test mode.

German DE 198 02 825 relates to a subscriber set functionality testing method which produces an AC voltage with a defined frequency through a tone generator contained in a

subscriber set, supplying an AC voltage after amplification into connection branches of a subscriber set, and measuring an AC voltage at each connection branch.

~~German DE 198 60 395 relates to a fault location for subscriber connections which involves rhythmically, especially periodically, reversing polarity of the voltage on a communications wire and a signaling fault if measured loop current is abnormal.~~

German DE 199 07 925 relates to a subscriber connection circuit for connecting an analogue subscriber with an integrated arrangement for performing test functions which closes two electronic switches simultaneously to pass internally generated test signals for calibration and self test to current sensors.

Applicant looks forward to early and favorable consideration of this matter.

Respectfully submitted,

BELL, BOYD & LLOYD LLC

BY 

William E. Vaughan

Reg. No. 39,056

P.O. Box 1135

Chicago, Illinois 60690-1135

Phone: (312) 807-4292

Dated: May 23, 2003